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1	4	9511221.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/26 13:00
2	2	6011068.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/26 13:00
3	3681	phenylethylamine	USPAT; EPO; JPO; DERWENT	2003/08/26 13:56
4	17003	imine	USPAT; EPO; JPO; DERWENT	2003/08/26 13:56
5	270	phenylethylamine and imine	USPAT; EPO; JPO; DERWENT	2003/08/26 13:56
6	4810946	reduc\$	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
7	234	(phenylethylamine and imine) and reduc\$	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
8	454	564/384	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
9	261	564/385	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
10	131	564/388	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
11	769	564/384 or 564/385 or 564/388	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
12	29021	borohydride	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
13	114	(564/384 or 564/385 or 564/388) and borohydride	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
14	1476523	optic\$	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
15	0	6211244.URPN.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
16	219	bringman	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
17	42616	gerhard	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
18	1	Wegenen	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
19	1	Wegenen	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
20	182	van adj Wagenen	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
21	8176	mandelic	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
22	1	(van adj Wagenen) and mandelic	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
23	0	bringman and mandelic	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57

24	8	"3819483"	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
25	20	"3819438"	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
26	42	((564/384 or 564/385 or 564/388) and borohydride) and optic\$	USPAT; EPO; JPO; DERWENT	2003/08/26 13:57
27	10	5504253.URPN.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
28	2	6211244.pn.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
29	2	bringman and gerhard	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
30	5	imine and bringman	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
31	4	3819438.pn.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
32	2	"6071970" .pn.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
33	1	van adj Wegenen	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
34	2	5654432.pn.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
35	9	3819438.URPN.	USPAT	2003/08/26 13:58
36	2	9418959.pn.	USPAT; EPO; JPO; DERWENT	2003/08/26 13:58
37	3	2002103400.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/26 13:58
38	2	6326520.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/26 13:58

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
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3	BRS	L3	3681	phenylethylamine	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:56		
4	BRS	L4	17003	imine	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:56		
5	BRS	L5	270	phenylethylamine and imine	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:56		
6	BRS	L6	48109 46	reduc\$	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
7	BRS	L7	234	(phenylethylamine and imine) and reduc\$	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
8	BRS	L8	454	564/384	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
9	BRS	L9	261	564/385	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		

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11	BRS	L11	769	564/384 or 564/385 or 564/388	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
12	BRS	L12	29021	borohydride	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
13	BRS	L13	114	(564/384 or 564/385 or 564/388) and borohydride	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
14	BRS	L14	14765 23	optic\$	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
15	BRS	L15	0	6211244.URPN.	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
16	BRS	L16	219	bringman	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
17	BRS	L17	42616	gerhard	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
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20	BRS	L20	182	van adj Wagenen	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
21	BRS	L21	8176	mandelic	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
22	BRS	L22	1	(van adj Wagenen) and mandelic	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
23	BRS	L23	0	bringman and mandelic	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
24	BRS	L24	8	"3819483"	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
25	BRS	L25	20	"3819438"	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
26	BRS	L26	42	((564/384 or 564/385 or 564/388) and borohydride) and optic\$	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:57		
27	BRS	L27	10	5504253.URPN.	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		
28	BRS	L28	2	6211244.pn.	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		
29	BRS	L29	2	bringman and gerhard	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		

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32	BRS	L32	2	"6071970" .pn.	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		
33	BRS	L33	1	van adj Wegenen	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		
34	BRS	L34	2	5654432.pn.	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		
35	BRS	L35	9	3819438.URPN.	USPAT	2003/08/26 13:58		
36	BRS	L36	2	9418959.pn.	USPAT ; EPO; JPO; DERWE NT	2003/08/26 13:58		
37	BRS	L37	3	2002103400.pn.	USPAT ; US-PG PUB; EPO; JPO; DERWE NT	2003/08/26 13:58		
38	BRS	L38	2	6326520.pn.	USPAT ; US-PG PUB; EPO; JPO; DERWE NT	2003/08/26 13:58		

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FILE 'HOME' ENTERED AT 08:50:34 ON 26 AUG 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

FILE 'REGISTRY' ENTERED AT 08:51:52 ON 26 AUG 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 AUG 2003 HIGHEST RN 572107-42-7

DICTIONARY FILE UPDATES: 24 AUG 2003 HIGHEST RN 572107-42-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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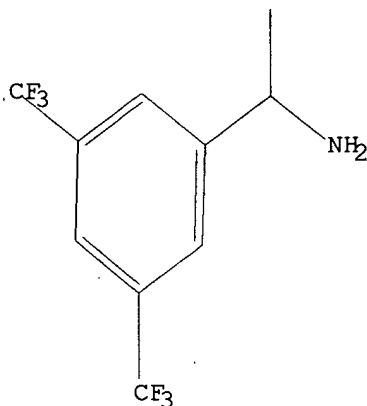
Uploading 09853085 bistrifluoromethylamine.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 exact full

FULL SEARCH INITIATED 08:52:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 16 TO ITERATE

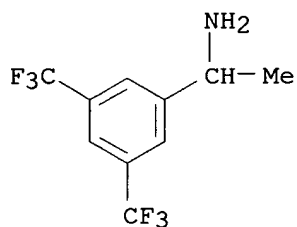
100.0% PROCESSED 16 ITERATIONS  
SEARCH TIME: 00.00.01

3 ANSWERS

L2 3 SEA EXA FUL L1

=> d scan

L2 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
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MF C10 H9 F6 N  
CI COM

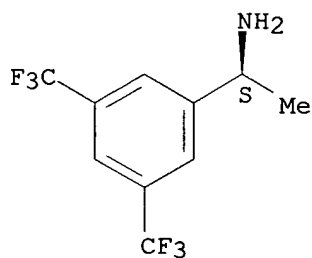


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L2 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, .alpha.-methyl-3,5-bis(trifluoromethyl)-, (.alpha.S)- (9CI)  
MF C10 H9 F6 N  
CI COM

Absolute stereochemistry. Rotation (-).

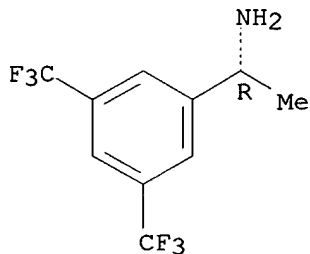


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, .alpha.-methyl-3,5-bis(trifluoromethyl)-, (.alpha.R)-

(9CI)  
MF C10 H9 F6 N  
CI COM

Absolute stereochemistry. Rotation (+).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

50.95

51.37

FILE 'CAPLUS' ENTERED AT 08:53:39 ON 26 AUG 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 26 Aug 2003 VOL 139 ISS 9

FILE LAST UPDATED: 25 Aug 2003 (20030825/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 12

L3 15 L2

=> 12/prep

15 L2

3043342 PREP/RL

L4

7 L2/PREP

(L2 (L) PREP/RL)

=> mandelic

L5 6012 MANDELIC

=> tatrtaric

L6 0 TATRTARIC  
0 TATRTARIC

=> tartaric

L7 31413 TARTARIC  
1 TARTARICS  
31414 TARTARIC  
(TARTARIC OR TARTARICS)

=> 15 or 17

L8 36935 L5 OR L7

=> 14 and 18

L9 2 L4 AND L8

=> d 19 1-2 ti fbib abs

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

TI Process for producing optically active 1-(fluoro- or trifluoromethyl-substituted phenyl) ethylamine and process for purifying same

AN 2002:575786 CAPLUS

DN 137:140269

TI Process for producing optically active 1-(fluoro- or trifluoromethyl-substituted phenyl) ethylamine and process for purifying same

IN Ishii, Akihiro; Yasumoto, Manabu; Kuriyama, Yokusu; Kanai, Masatomi; Hayami, Takashi

PA Japan

SO U.S. Pat. Appl. Publ., 28 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409
	JP 2002030048	A2	20020129	JP 2000-142460	20000515
				JP 2000-138349 A	20000511
	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	JP 2002255908	A2	20020911	JP 2001-54716	20010228
	JP 2002308836	A2	20021023	JP 2001-109735	20010409

PATENT FAMILY INFORMATION:

FAN 2002:23507

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511

JP 2000-142460 A 20000515  
 JP 2000-185405 A 20000620  
 JP 2000-369007 A 20001204  
 JP 2000-387724 A 20001220  
 JP 2001-54716 A 20010228  
 JP 2001-109735 A 20010409

FAN 2002:77456

PATENT NO.	KIND	DATE
JP 2002030048	A2	20020129
US 2002103400	A1	20020801

APPLICATION NO.	DATE
JP 2000-142460	20000515
JP 2000-138349 A	20000511
US 2001-853085	20010511
JP 2000-138349 A	20000511
JP 2000-142460 A	20000515
JP 2000-185405 A	20000620
JP 2000-369007 A	20001204
JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
JP 2001-109735 A	20010409

FAN 2002:464166

PATENT NO.	KIND	DATE
JP 2002173472	A2	20020621
US 2002103400	A1	20020801

APPLICATION NO.	DATE
JP 2000-369007	20001204
US 2001-853085	20010511
JP 2000-138349 A	20000511
JP 2000-142460 A	20000515
JP 2000-185405 A	20000620
JP 2000-369007 A	20001204
JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
JP 2001-109735 A	20010409

FAN 2002:503640

PATENT NO.	KIND	DATE
JP 2002187873	A2	20020705
US 2002103400	A1	20020801

APPLICATION NO.	DATE
JP 2000-387724	20001220
US 2001-853085	20010511
JP 2000-138349 A	20000511
JP 2000-142460 A	20000515
JP 2000-185405 A	20000620
JP 2000-369007 A	20001204
JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
JP 2001-109735 A	20010409

OS CASREACT 137:140269

AB An optically active 1-(fluoro- or trifluoromethyl-substituted phenyl)ethylamine is produced with high optical purity and in an industrially simple and efficient manner by asym. reducing an optically active imine, obtained by dehydration and condensation of a fluoro- or trifluoromethyl-substituted phenylmethyl ketone and an optically active primary amine under acidic conditions, using a hydride reducing agent to convert to an optically active secondary amine, and subjecting the secondary amine or its salt of an inorg. acid or org. acid to hydrogenolysis. In addn., an optically active 1-(fluoro- or trifluoromethyl-substituted phenyl)ethylamine is purified to an even higher optical purity in an industrially simple and efficient manner by converting the optically active secondary amine of the synthetic intermediate obtained by asym. redn., or an optically active 1-(3,5-bis-trifluoromethylphenyl)ethylamine, one of the target compds., to an inorg. or org. acid salt followed by recrystn. purifn. This ethylamine is an important intermediate of pharmaceuticals and agricultural chems.

TI Purification of optically active .alpha.-methyl-3,5-  
 bis(trifluoromethyl)benzylamines  
 AN 2002:23507 CAPLUS  
 DN 136:69641  
 TI Purification of optically active .alpha.-methyl-3,5-  
 bis(trifluoromethyl)benzylamines  
 IN Ishii, Akio; Kuriyama, Masaru; Yasumoto, Manabu; Kanai, Masatomi; Hayami,  
 Takashi  
 PA Central Glass Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002003453	A2	20020109	JP 2000-185405	20000620
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				JP 2000-138349 A	20000511
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				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
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				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002030048	A2	20020129	JP 2000-142460	20000515
	US 2002103400	A1	20020801	JP 2000-138349 A	20000511
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				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
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				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228



JP 2001-109735 A 20010409

FAN 2002:575786

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APPLICATION NO.	DATE
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JP 2000-138349 A	20000511
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JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
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JP 2000-138349 A	20000511
JP 2000-185405	20000620
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JP 2002030048	A2	20020129
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JP 2002003453	A2	20020109
JP 2002173472	A2	20020621
JP 2002187873	A2	20020705
JP 2002255908	A2	20020911
JP 2002308836	A2	20021023

OS MARPAT 136:69641

AB The compds. 3,5-(F3C)2C6H3CHMeNHR (R = H, benzyl, aryl, CHMeAr; Ar = Ph, 1- or 2-naphthyl) are purified by converting into inorg. acid or org. acid salts and recrystn. .alpha.-Methyl-bis-3,5-(trifluoromethyl)benzylamine (S-isomer:R-isomer = 7.4:1) was reacted with p-MeC6H4SO3H in PhMe at 60-70.degree. for 30 min to give (S)-.alpha.-methyl-3,5-bis(trifluoromethyl)benzylamine p-toluenesulfonate with 82.7% e.e.

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
29.21	80.58

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.30	-1.30

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 09:01:16 ON 26 AUG 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	Feb 24 PCTGEN now available on STN
NEWS	4	Feb 24 TEMA now available on STN
NEWS	5	Feb 26 NTIS now allows simultaneous left and right truncation
NEWS	6	Feb 26 PCTFULL now contains images
NEWS	7	Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results

NEWS 8 Mar 24 PATDPAFULL now available on STN  
 NEWS 9 Mar 24 Additional information for trade-named substances without  
 structures available in REGISTRY  
 NEWS 10 Apr 11 Display formats in DGENE enhanced  
 NEWS 11 Apr 14 MEDLINE Reload  
 NEWS 12 Apr 17 Polymer searching in REGISTRY enhanced  
 NEWS 13 AUG 22 Indexing from 1927 to 1936 added to records in CA/CAPLUS  
 NEWS 14 Apr 21 New current-awareness alert (SDI) frequency in  
 WPIDS/WPINDEX/WPIX  
 NEWS 15 Apr 28 RDISCLOSURE now available on STN  
 NEWS 16 May 05 Pharmacokinetic information and systematic chemical names  
 added to PHAR  
 NEWS 17 May 15 MEDLINE file segment of TOXCENTER reloaded  
 NEWS 18 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated  
 NEWS 19 May 19 Simultaneous left and right truncation added to WSCA  
 NEWS 20 May 19 RAPRA enhanced with new search field, simultaneous left and  
 right truncation  
 NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB  
 NEWS 22 Jun 06 PASCAL enhanced with additional data  
 NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available  
 NEWS 24 Jun 25 HSDB has been reloaded  
 NEWS 25 Jul 16 Data from 1960-1976 added to RDISCLOSURE  
 NEWS 26 Jul 21 Identification of STN records implemented  
 NEWS 27 Jul 21 Polymer class term count added to REGISTRY  
 NEWS 28 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and  
 Right Truncation available  
 NEWS 29 AUG 05 New pricing for EUROPATFULL and PCTFULL effective  
 August 1, 2003  
 NEWS 30 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN  
 NEWS 31 AUG 15 PATDPAFULL: one FREE connect hour, per account, in  
 September 2003  
 NEWS 32 AUG 15 PCTGEN: one FREE connect hour, per account, in  
 September 2003  
 NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in  
 September 2003  
 NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in  
 September 2003  
 NEWS 35 AUG 18 Data available for download as a PDF in RDISCLOSURE  
 NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL  
 NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
 Truncation  
 NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR  
  
 NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
 MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
 AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
 NEWS HOURS STN Operating Hours Plus Help Desk Availability  
 NEWS INTER General Internet Information  
 NEWS LOGIN Welcome Banner and News Items  
 NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
 NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:37:59 ON 26 AUG 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:38:09 ON 26 AUG 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

DICTIONARY FILE UPDATES: 25 AUG 2003 HIGHEST RN 573649-48-6

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

0.61

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:38:23 ON 26 AUG 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'REGISTRY' AT 12:38:40 ON 26 AUG 2003

FILE 'REGISTRY' ENTERED AT 12:38:40 ON 26 AUG 2003

COPYRIGHT (C) 2003 American Chemical Society (ACS)

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

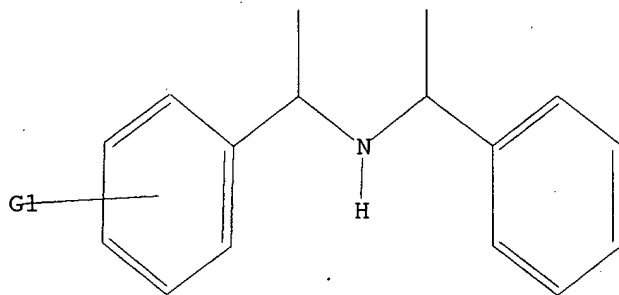
0.61

=>

Uploading 09853085 generic amine 1.str

L1 STRUCTURE UPLOADED

=> d l1  
L1 HAS NO ANSWERS  
L1 STR



G1 F,CF3

Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam  
SAMPLE SEARCH INITIATED 12:39:16 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 472 TO ITERATE

100.0% PROCESSED 472 ITERATIONS  
SEARCH TIME: 00.00.01

2 ANSWERS

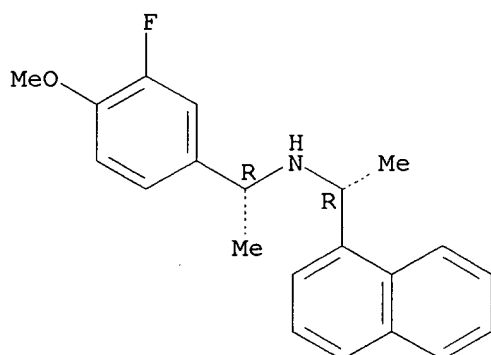
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 8137 TO 10743  
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1-Naphthalenemethanamine, N-[(1R)-1-(3-fluoro-4-methoxyphenyl)ethyl]-  
.alpha.-methyl-, hydrochloride, (.alpha.R)- (9CI)  
MF C21 H22 F N O . Cl H

Absolute stereochemistry.



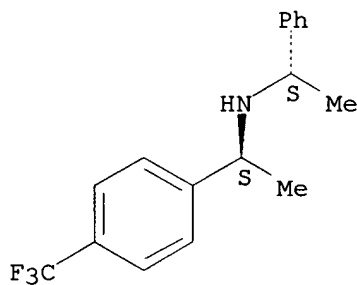
● HCl

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

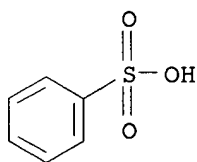
L2 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-4-(trifluoromethyl)-, (.alpha.S)-, benzenesulfonate (9CI)  
 MF C17 H18 F3 N . C6 H6 O3 S

CM 1

Absolute stereochemistry.



CM 2



ALL ANSWERS HAVE BEEN SCANNED

=> search l1 sss full  
FULL SEARCH INITIATED 12:39:49 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 10262 TO ITERATE

100.0% PROCESSED 10262 ITERATIONS  
SEARCH TIME: 00.00.01

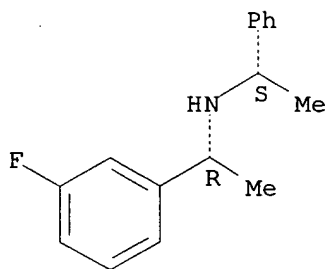
35 ANSWERS

L3 35 SEA SSS FUL L1

=> d scan

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, 3-fluoro-.alpha.-methyl-N-[(1S)-1-phenylethyl]-,  
(.alpha.R)- (9CI)  
MF C16 H18 F N

Absolute stereochemistry.



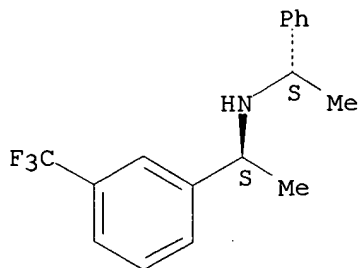
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

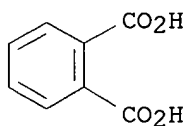
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN 1,2-Benzenedicarboxylic acid, compd. with (.alpha.S)-.alpha.-methyl-N-  
[(1S)-1-phenylethyl]-3-(trifluoromethyl)benzenemethanamine (1:1) (9CI)  
MF C17 H18 F3 N . C8 H6 O4

CM 1

Absolute stereochemistry.

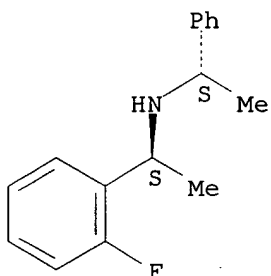


CM 2



L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, 2-fluoro-.alpha.-methyl-N-(1-phenylethyl)-,  
 hydrobromide, [S-(R\*,R\*)]- (9CI)  
 MF C16 H18 F N . Br H

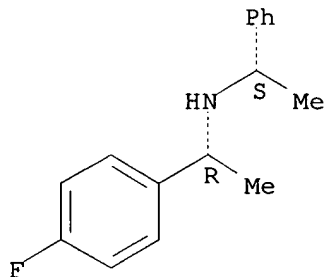
Absolute stereochemistry.



● HBr

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, 4-fluoro-.alpha.-methyl-N-[(1S)-1-phenylethyl]-,  
 (.alpha.R)- (9CI)  
 MF C16 H18 F N

Absolute stereochemistry.

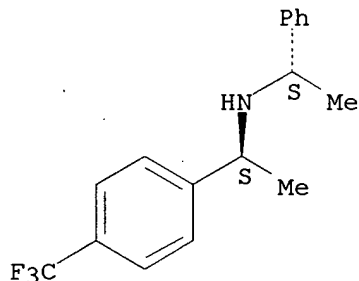


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

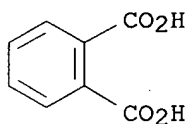
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN 1,2-Benzenedicarboxylic acid, compd. with (.alpha.S)-.alpha.-methyl-N-  
 [(1S)-1-phenylethyl]-4-(trifluoromethyl)benzenemethanamine (1:1) (9CI)  
 MF C17 H18 F3 N . C8 H6 O4

CM 1

Absolute stereochemistry.

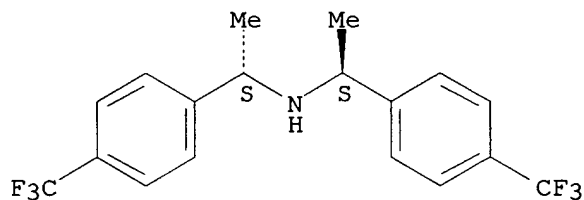


CM 2



L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-4-(trifluoromethyl)-N-[(1S)-1-[4-(trifluoromethyl)phenyl]ethyl]-, (.alpha.S)- (9CI)  
 MF C18 H17 F6 N

Absolute stereochemistry.

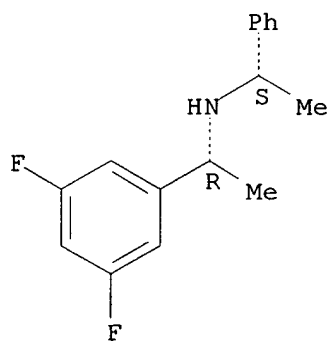


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, 3,5-difluoro-.alpha.-methyl-N-[(1S)-1-phenylethyl]-, (.alpha.R)- (9CI)  
 MF C16 H17 F2 N

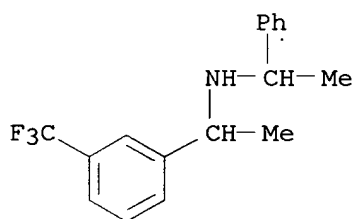
Absolute stereochemistry.





\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

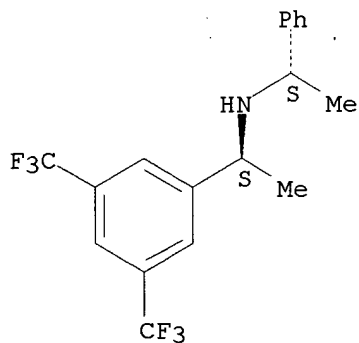
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-(1-phenylethyl)-3-(trifluoromethyl)-  
 (9CI)  
 MF C17 H18 F3 N



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-3,5-  
 bis(trifluoromethyl)-, hydrochloride, (.alpha.S)- (9CI)  
 MF C18 H17 F6 N . Cl H

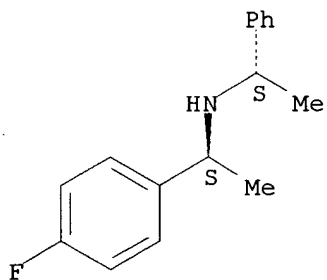
Absolute stereochemistry.



● HCl

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, 4-fluoro-.alpha.-methyl-N-[(1S)-1-phenylethyl]-,  
 hydrobromide, (.alpha.S)- (9CI)  
 MF C16 H18 F N . Br H

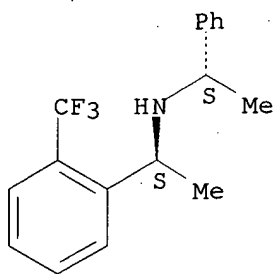
Absolute stereochemistry.



● HBr

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-2-  
 (trifluoromethyl)-, (.alpha.S)- (9CI)  
 MF C17 H18 F3 N

Absolute stereochemistry.



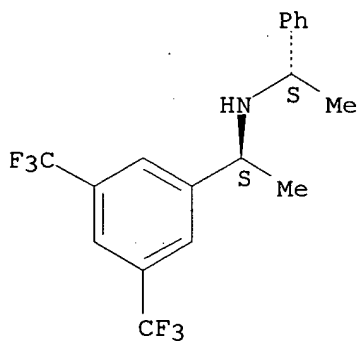
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

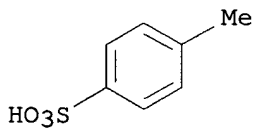
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-3,5-  
 bis(trifluoromethyl)-, (.alpha.S)-, 4-methylbenzenesulfonate (9CI)  
 MF C18 H17 F6 N . C7 H8 O3 S

CM 1

Absolute stereochemistry.



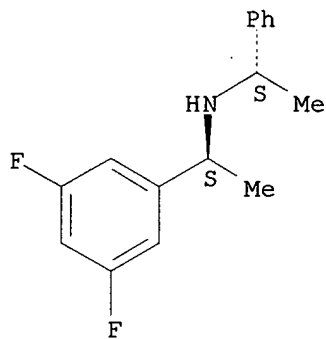
CM 2



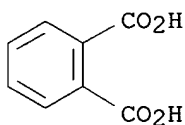
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN 1,2-Benzenedicarboxylic acid, compd. with (.alpha.S)-3,5-difluoro-.alpha.-  
 methyl-N-[(1S)-1-phenylethyl]benzenemethanamine (1:1) (9CI)  
 MF C16 H17 F2 N . C8 H6 O4

CM 1

Absolute stereochemistry.

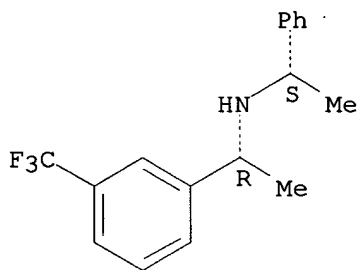


CM 2



L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-3-(trifluoromethyl)-, (.alpha.R)- (9CI)  
MF C17 H18 F3 N

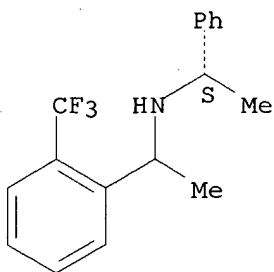
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

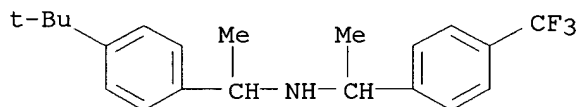
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-2-(trifluoromethyl)- (9CI)  
MF C17 H18 F3 N

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

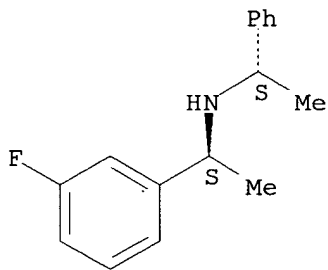
L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, 4-(1,1-dimethylethyl)-.alpha.-methyl-N-[1-[4-(trifluoromethyl)phenyl]ethyl]- (9CI)  
 MF C21 H26 F3 N



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, 3-fluoro-.alpha.-methyl-N-[(1S)-1-phenylethyl]-, (.alpha.S)- (9CI)  
 MF C16 H18 F N  
 CI COM

Absolute stereochemistry.

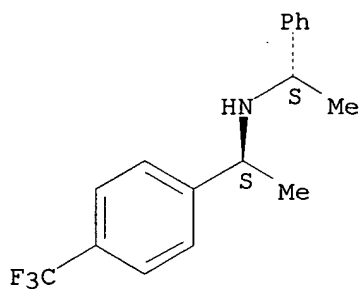


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-4-(trifluoromethyl)-, (.alpha.S)- (9CI)

MF C17 H18 F3 N  
CI COM

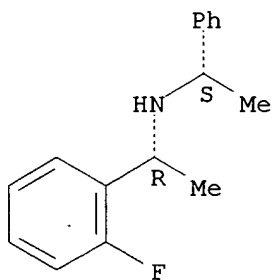
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, 2-fluoro-.alpha.-methyl-N-(1-phenylethyl)-,  
[S-(R\*,S\*)]- (9CI)  
MF C16 H18 F N

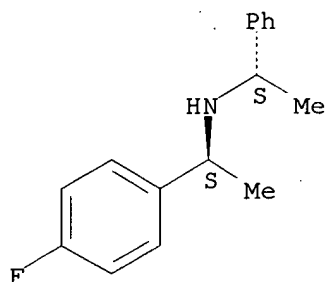
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
IN Benzenemethanamine, 4-fluoro-.alpha.-methyl-N-[(1S)-1-phenylethyl]-,  
(.alpha.S)- (9CI)  
MF C16 H18 F N  
CI COM

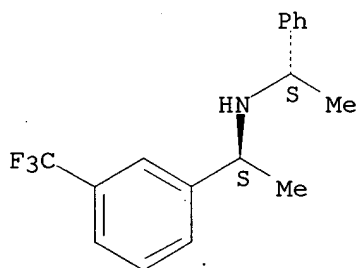
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 35 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN  
 IN Benzenemethanamine, .alpha.-methyl-N-[(1S)-1-phenylethyl]-3-  
 (trifluoromethyl)-, hydrobromide, (.alpha.S)- (9CI)  
 MF C17 H18 F3 N . Br H

Absolute stereochemistry.



● HBr

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.95

149.16

FILE 'CAPLUS' ENTERED AT 12:40:34 ON 26 AUG 2003

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FILE COVERS 1907 - 26 Aug 2003 VOL 139 ISS 9  
FILE LAST UPDATED: 25 Aug 2003 (20030825/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 13

L4 13 L3

=> crytal?

L5 16 CRYTAL?

=> crystal?

1517004 CRYSTAL?

305589 CRYST

1798 CRYSTS

306858 CRYST

(CRYST OR CRYSTS)

81394 CRYSTD

16230 CRYSTG

206230 CRYSTN

2220 CRYSTNS

207482 CRYSTN

(CRYSTN OR CRYSTNS)

L6 1790063 CRYSTAL?

(CRYSTAL? OR CRYST OR CRYSTD OR CRYSTG OR CRYSTN)

=> 14 and 16

L7 0 L4 AND L6

=> precip?

90520 PRECIP?

189513 PPT

59786 PPTS

231528 PPT

(PPT OR PPTS)

145955 PPTD

1 PPTDS

145956 PPTD

(PPTD OR PPTDS)

32772 PPTG

233118 PPTN

3815 PPTNS

235501 PPTN

(PPTN OR PPTNS)

L8 557027 PRECIP?

(PRECIP? OR PPT OR PPTD OR PPTG OR PPTN)

=> 14 and 18

L9 0 L4 AND L8

=> d 14 1-13 ti

L4 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN

TI Highly Regioselective Hydrogenolysis of Bis(.alpha.-methylbenzyl)amine Derivatives Affected by the Trifluoromethyl Substituent on the Aromatic



Ring

- L4 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Process for producing optically active 1-(fluoro- or trifluoromethyl-substituted phenyl) ethylamine and process for purifying same
- L4 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Purification of optically active 1-(trifluoromethylphenyl)ethylamines
- L4 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Preparation of optically active 1-(trifluoromethylphenyl)ethylamine
- L4 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Preparation of optically active .alpha.-methylbis-3,5-(trifluoromethyl)benzylamine from optically active imines
- L4 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Purification of optically active .alpha.-methyl-3,5-bis(trifluoromethyl)benzylamines
- L4 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Preparation of 1-arylethylamines as calcium receptor ligands
- L4 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Calcium receptor-active molecules
- L4 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Ion receptor- and calcium receptor-active molecules, receptor proteins, nucleic acids encoding them, anti-receptor antibodies, and uses
- L4 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Asymmetric allylation with chiral formamide catalysts
- L4 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Cloning and cDNA sequences of mammalian calcium receptors and their use in screening for compounds with potential action in the therapy of disorders of calcium metabolism
- L4 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Cloning and cDNA sequences of mammalian calcium receptors and their use in screening for compounds with potential action in the therapy of disorders of calcium metabolism
- L4 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Chiral building blocks for the synthesis of N-containing natural products.  
4. A facile method for the asymmetric synthesis of enantiomerically pure 1-(2-fluorophenyl)ethylamine

=> 13/prep

13 L3  
3043342 PREP/RL  
L10 9 L3/PREP  
(L3 (L) PREP/RL)

=> d 110 1-9 ti fbib abs

- L10 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN  
TI Highly Regioselective Hydrogenolysis of Bis(.alpha.-methylbenzyl)amine Derivatives Affected by the Trifluoromethyl Substituent on the Aromatic Ring  
AN 2003:155425 CAPLUS

DN 138:303983  
 TI Highly Regioselective Hydrogenolysis of Bis(.alpha.-methylbenzyl)amine  
 Derivatives Affected by the Trifluoromethyl Substituent on the Aromatic  
 Ring  
 AU Kanai, Masatomi; Yasumoto, Manabu; Kuriyama, Yokusu; Inomiya, Kenjin;  
 Katsuhara, Yutaka; Higashiyama, Kimio; Ishii, Akihiro  
 CS Chemical Research Center, Central Glass Co. Ltd., Saitama, 350-1151, Japan  
 SO Organic Letters (2003), 5(7), 1007-1010  
 CODEN: ORLEF7; ISSN: 1523-7060  
 PB American Chemical Society  
 DT Journal  
 LA English  
 OS CASREACT 138:303983  
 AB The hydrogenolysis of bis(.alpha.-methylbenzyl)amines, e.g.  
 (S,S)-R1CHMeNHCHMePh [R1 = 2-F3CC5H4, 3-F3CC6H4, 4-F3CC6H4,  
 3,5-(F3C)2C6H3], proceeded highly regioselectively, with regioselectivity  
 being detd. not by substituent electronic effects but by the steric effect  
 of the trifluoromethyl substituent on the arom. ring. This procedure  
 provided a practical approach to asym. synthesis of trifluoromethyl-  
 substituted .alpha.-phenylethylamines.  
 RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN  
 TI Process for producing optically active 1-(fluoro- or trifluoromethyl-  
 substituted phenyl) ethylamine and process for purifying same  
 AN 2002:575786 CAPLUS  
 DN 137:140269  
 TI Process for producing optically active 1-(fluoro- or trifluoromethyl-  
 substituted phenyl) ethylamine and process for purifying same  
 IN Ishii, Akihiro; Yasumoto, Manabu; Kuriyama, Yokusu; Kanai, Masatomi;  
 Hayami, Takashi  
 PA Japan  
 SO U.S. Pat. Appl. Publ., 28 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409
	JP 2002030048	A2	20020129	JP 2000-142460	20000515
				JP 2000-138349 A	20000511
	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	JP 2002255908	A2	20020911	JP 2001-54716	20010228
	JP 2002308836	A2	20021023	JP 2001-109735	20010409

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511

JP 2000-142460 A 20000515  
 JP 2000-185405 A 20000620  
 JP 2000-369007 A 20001204  
 JP 2000-387724 A 20001220  
 JP 2001-54716 A 20010228  
 JP 2001-109735 A 20010409

FAN 2002:77456

PATENT NO.	KIND	DATE
JP 2002030048	A2	20020129
US 2002103400	A1	20020801

APPLICATION NO.	DATE
JP 2000-142460	20000515
JP 2000-138349 A	20000511
US 2001-853085	20010511
JP 2000-138349 A	20000511
JP 2000-142460 A	20000515
JP 2000-185405 A	20000620
JP 2000-369007 A	20001204
JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
JP 2001-109735 A	20010409

FAN 2002:464166

PATENT NO.	KIND	DATE
JP 2002173472	A2	20020621
US 2002103400	A1	20020801

APPLICATION NO.	DATE
JP 2000-369007	20001204
US 2001-853085	20010511
JP 2000-138349 A	20000511
JP 2000-142460 A	20000515
JP 2000-185405 A	20000620
JP 2000-369007 A	20001204
JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
JP 2001-109735 A	20010409

FAN 2002:503640

PATENT NO.	KIND	DATE
JP 2002187873	A2	20020705
US 2002103400	A1	20020801

APPLICATION NO.	DATE
JP 2000-387724	20001220
US 2001-853085	20010511
JP 2000-138349 A	20000511
JP 2000-142460 A	20000515
JP 2000-185405 A	20000620
JP 2000-369007 A	20001204
JP 2000-387724 A	20001220
JP 2001-54716 A	20010228
JP 2001-109735 A	20010409

OS CASREACT 137:140269

AB An optically active 1-(fluoro- or trifluoromethyl-substituted phenyl)ethylamine is produced with high optical purity and in an industrially simple and efficient manner by asym. reducing an optically active imine, obtained by dehydration and condensation of a fluoro- or trifluoromethyl-substituted phenylmethyl ketone and an optically active primary amine under acidic conditions, using a hydride reducing agent to convert to an optically active secondary amine, and subjecting the secondary amine or its salt of an inorg. acid or org. acid to hydrogenolysis. In addn., an optically active 1-(fluoro- or trifluoromethyl-substituted phenyl)ethylamine is purified to an even higher optical purity in an industrially simple and efficient manner by converting the optically active secondary amine of the synthetic intermediate obtained by asym. redn., or an optically active 1-(3,5-bis-trifluoromethylphenyl)ethylamine, one of the target compds., to an inorg. or org. acid salt followed by recrystn. purifn. This ethylamine is an important intermediate of pharmaceuticals and agricultural chems.

TI Purification of optically active 1-(trifluoromethylphenyl)ethylamines  
 AN 2002:503640 CAPLUS  
 DN 137:63067  
 TI Purification of optically active 1-(trifluoromethylphenyl)ethylamines  
 IN Ishii, Akio; Yasumoto, Manabu; Kuriyama, Suguru; Kanai, Masatomi; Hayami, Takashi  
 PA Central Glass Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002030048	A2	20020129	JP 2000-142460	20000515
	US 2002103400	A1	20020801	JP 2000-138349 A	20000511
				US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

FAN 2002:575786

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409
	JP 2002030048	A2	20020129	JP 2000-142460	20000515
				JP 2000-138349 A	20000511
	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	JP 2002255908	A2	20020911	JP 2001-54716	20010228
	JP 2002308836	A2	20021023	JP 2001-109735	20010409
OS	MARPAT 137:63067				
AB	Optically active F3CC6H4CHMeNHCHMeAr (Ar = Ph, 2-naphthyl) are purified by recrystn. in the form of their (in)org. acid salts. Thus, 86:14 mixt. of (S,S)- and (R,S)-3-F3CC6H4CHMeNHCHMePh was treated with isopropanol and phthalic acid at 60-70.degree., mixed with n-hexane, and cooled to give (S,S)-isomer of the corresponding salt with 95.8% de.				

L10 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN

TI Preparation of optically active 1-(trifluoromethylphenyl)ethylamine

AN 2002:464166 CAPLUS

DN 137:33124

TI Preparation of optically active 1-(trifluoromethylphenyl)ethylamine

IN Ishii, Akio; Yasumoto, Manabu; Kuriyama, Katsu; Kanei, Masatomi; Hayami, Takashi

PA Central Glass Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.  
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

PATENT FAMILY INFORMATION:

FAN 2002:23507

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

FAN 2002:77456

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002030048	A2	20020129	JP 2000-142460	20000515
	US 2002103400	A1	20020801	JP 2000-138349 A	20000511
				US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409
FAN	2002:503640				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409
FAN	2002:575786				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409
	JP 2002030048	A2	20020129	JP 2000-142460	20000515
				JP 2000-138349 A	20000511
	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	JP 2002187873	A2	20020705	JP 2000-387724	20001220
	JP 2002255908	A2	20020911	JP 2001-54716	20010228
	JP 2002308836	A2	20021023	JP 2001-109735	20010409
OS	CASREACT 137:33124; MARPAT 137:33124				
AB	Optically active CF3C6H4CHMeNH2 (I) is prepd. by asym. redn. of optically active CF3C6H4CMe:NCHMeAr (II; Ar = Ph, 1- or 2-naphthyl) and hydrogenolysis of the resulting CF3C6H4CHMeNHCHMeAr (Ar = same as II). (S)-o-II (Ar = Ph) (prepn. given) was reduced by H using Pd/activated C at 60.degree. under 0.5 MPa for 5 days to give o-I with 50% ee.				
L10	ANSWER 5 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN				
TI	Preparation of optically active .alpha.-methylbis-3,5-(trifluoromethyl)benzylamine from optically active imines				
AN	2002:77456 CAPLUS				
DN	136:134565				
TI	Preparation of optically active .alpha.-methylbis-3,5-(trifluoromethyl)benzylamine from optically active imines				
IN	Ishii, Akio; Kuriyama, Suguru; Kanai, Masatomi; Hayami, Takashi				
PA	Central Glass Co., Ltd., Japan				
SO	Jpn. Kokai Tokkyo Koho, 9 pp. CODEN: JKXXAF				
DT	Patent				
LA	Japanese				

FAN.CNT 5

	PATENT NO.	KIND	DATE
PI	JP 2002030048	A2	20020129
	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	JP 2000-142460	20000515
	JP 2000-138349 A	20000511
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409

## PATENT FAMILY INFORMATION:

FAN 2002:23507

	PATENT NO.	KIND	DATE
PI	JP 2002003453	A2	20020109
	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	JP 2000-185405	20000620
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409

FAN 2002:464166

	PATENT NO.	KIND	DATE
PI	JP 2002173472	A2	20020621
	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	JP 2000-369007	20001204
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409

FAN 2002:503640

	PATENT NO.	KIND	DATE
PI	JP 2002187873	A2	20020705
	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	JP 2000-387724	20001220
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409

FAN 2002:575786

	PATENT NO.	KIND	DATE
PI	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409
	JP 2000-142460	20000515

JP 2002030048 A2 20020129

JP 2002003453 A2 20020109 JP 2000-138349 A 20000511  
 JP 2002173472 A2 20020621 JP 2000-185405 20000620  
 JP 2002187873 A2 20020705 JP 2000-369007 20001204  
 JP 2002255908 A2 20020911 JP 2000-387724 20001220  
 JP 2002308836 A2 20021023 JP 2001-54716 20010228  
 JP 2001-109735 20010409  
 OS CASREACT 136:134565; MARPAT 136:134565  
 AB (R)- or (S)-H<sub>2</sub>NCHMeC<sub>6</sub>H<sub>3</sub>(CF<sub>3</sub>)<sub>2-3,5</sub>, useful as an intermediate for pesticides and drugs, is prepd. by asym. hydrogenation of optically active-ArchMeN:CMcC<sub>6</sub>H<sub>3</sub>(CF<sub>3</sub>)<sub>2-3,5</sub> (Ar = Ph, 1- or 2-naphthyl) and hydrogenolysis of the resulting optically active ArchMeNHCHMeC<sub>6</sub>H<sub>3</sub>(CF<sub>3</sub>)<sub>2-3,5</sub>. Thus, MeCOC<sub>6</sub>H<sub>3</sub>(CF<sub>3</sub>)<sub>2-3,5</sub> was refluxed with (S)-H<sub>2</sub>NCHPhMe and p-MeC<sub>6</sub>H<sub>4</sub>SO<sub>3</sub>H to give quant. optically active imine, which was hydrogenated with NaBH<sub>4</sub> in EtOH to afford 7.8:1 (SS)- and (SR)-PhCHMeNHCHMeC<sub>6</sub>H<sub>3</sub>(CF<sub>3</sub>)<sub>2-3,5</sub> with 100% conversion. The diastereomeric mixt. was hydrogenated over Pd/C to give 75% (S)-H<sub>2</sub>NCHMeC<sub>6</sub>H<sub>3</sub>(CF<sub>3</sub>)<sub>2-3,5</sub> with 76% ee.

L10 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN  
 TI Purification of optically active .alpha.-methyl-3,5-bis(trifluoromethyl)benzylamines  
 AN 2002:23507 CAPLUS  
 DN 136:69641  
 TI Purification of optically active .alpha.-methyl-3,5-bis(trifluoromethyl)benzylamines  
 IN Ishii, Akio; Kuriyama, Masaru; Yasumoto, Manabu; Kanai, Masatomi; Hayami, Takashi  
 PA Central Glass Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002003453	A2	20020109	JP 2000-185405	20000620
	US 2002103400	A1	20020801	US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

PATENT FAMILY INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002030048	A2	20020129	JP 2000-142460	20000515
	US 2002103400	A1	20020801	JP 2000-138349 A	20000511
				US 2001-853085	20010511
				JP 2000-138349 A	20000511
				JP 2000-142460 A	20000515
				JP 2000-185405 A	20000620
				JP 2000-369007 A	20001204
				JP 2000-387724 A	20001220
				JP 2001-54716 A	20010228
				JP 2001-109735 A	20010409

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002173472	A2	20020621	JP 2000-369007	20001204
	US 2002103400	A1	20020801	US 2001-853085	20010511



JP 2000-138349 A 20000511  
 JP 2000-142460 A 20000515  
 JP 2000-185405 A 20000620  
 JP 2000-369007 A 20001204  
 JP 2000-387724 A 20001220  
 JP 2001-54716 A 20010228  
 JP 2001-109735 A 20010409

FAN 2002:503640

	PATENT NO.	KIND	DATE
PI	JP 2002187873	A2	20020705
	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	JP 2000-387724	20001220
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409

FAN 2002:575786

	PATENT NO.	KIND	DATE
PI	US 2002103400	A1	20020801

	APPLICATION NO.	DATE
	US 2001-853085	20010511
	JP 2000-138349 A	20000511
	JP 2000-142460 A	20000515
	JP 2000-185405 A	20000620
	JP 2000-369007 A	20001204
	JP 2000-387724 A	20001220
	JP 2001-54716 A	20010228
	JP 2001-109735 A	20010409
	JP 2000-142460	20000515
	JP 2000-138349 A	20000511
	JP 2000-185405	20000620
	JP 2000-369007	20001204
	JP 2000-387724	20001220
	JP 2001-54716	20010228
	JP 2001-109735	20010409

JP 2002030048 A2 20020129

JP 2002003453 A2 20020109  
 JP 2002173472 A2 20020621  
 JP 2002187873 A2 20020705  
 JP 2002255908 A2 20020911  
 JP 2002308836 A2 20021023

OS MARPAT 136:69641

AB The compds. 3,5-(F3C)2C6H3CHMeNHR (R = H, benzyl, aryl, CHMeAr; Ar = Ph, 1- or 2-naphthyl) are purified by converting into inorg. acid or org. acid salts and recrystn. .alpha.-Methyl-bis-3,5-(trifluoromethyl)benzylamine (S-isomer:R-isomer = 7.4:1) was reacted with p-MeC6H4SO3H in PhMe at 60-70.degree. for 30 min to give (S)-.alpha.-methyl-3,5-bis(trifluoromethyl)benzylamine p-toluenesulfonate with 82.7% e.e.

L10 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN

TI Preparation of 1-arylethylamines as calcium receptor ligands

AN 2001:241760 CAPLUS

DN 134:280612

TI Preparation of 1-arylethylamines as calcium receptor ligands

IN Van Wagenen, Bradford C.; Moe, Scott T.; Balandrin, Manuel F.; Delmar, Eric G.; Nemeth, Edward F.

PA NPS Pharmaceuticals, Inc., USA

SO U.S., 142 pp.

CODEN: USXXAM

DT Patent

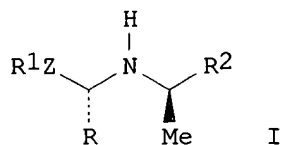
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE
PI	US 6211244	B1	20010403

	APPLICATION NO.	DATE
	US 1995-546998	19951023
	US 1995-546998	19951023

OS MARPAT 134:280612  
GI



AB Title compds., e.g., I [R = H or alkyl; R1,R2 = (un)substituted Ph or naphthyl; Z = (CH2)0-3] were prepd. Thus, (R)-1-(1-naphthyl)ethylamine was condensed with 2-acetonaphthone to give I (R = Me, R1 = 2-naphthyl, R2 = 1-naphthyl, Z = bond). Data for biol. activity of title compds. were given.

RE.CNT 229 THERE ARE 229 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN

TI Calcium receptor-active molecules

AN 2000:140602 CAPLUS

DN 132:203164

TI Calcium receptor-active molecules

IN Nemeth, Edward F.; Van Wanegen, Bradford C.; Balandrin, Manuel F.; Delmar, Eric M.; Moe, Scott T.

PA NPS Pharmaceuticals, Inc., USA

SO U.S., 194 pp., Cont.-in-part of U.S. Ser. No. 353,784.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 9

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6031003	A	20000229	US 1995-484719	19950607
				US 1991-749451	B219910823
				US 1992-834044	B219920211
				US 1992-934161	B219920821
				US 1993-17127	B219930212
				US 1993-9389	B219930223
				US 1993-141248	B219931022
				US 1994-292827	B219940819
				WO 1994-US12117A	219941021
				US 1994-353784	A219941208
	JP 09281109	A2	19971031	JP 1996-232165	19920821
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OS MARPAT 132:203164

AB The present invention relates to the different roles inorg. ion receptors have in cellular and body processes. The present invention features: (1) mols. which can modulate one or more inorg. ion receptor activities, preferably the mol. can mimic or block an effect of an extracellular ion on a cell having an inorg. ion receptor, more preferably the extracellular ion is Ca<sup>2+</sup> and the effect is on a cell having a calcium receptor; (2) inorg. ion receptor proteins and fragments thereof, preferably calcium receptor proteins and fragments thereof; (3) nucleic acids encoding inorg. ion receptor proteins and fragments thereof, preferably calcium receptor proteins and fragments thereof; (4) antibodies and fragments thereof, targeted to inorg. ion receptor proteins, preferably calcium receptor protein; and (5) uses of such mols., proteins, nucleic acids and antibodies. For example, NPS R-568 ((R)-(+)-N-[3-(2-chlorophenyl)propyl]-.alpha.-methyl-3-methoxybenzylamine) was synthesized and its effectiveness was evaluated in a placebo-controlled, single-dose, dose-escalation format in a healthy, post-menopausal women. NPS R-568 caused a transient dose-dependent decrease in plasma PTH concn., and , at higher doses, a decrease in serum ionized serum concn. in the human subject. There was no apparent change in serum calcitonin at the doses studied. Higher doses are expected to affect calcitonin levels as obsd. in rats.

RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2003 ACS on STN

TI Chiral building blocks for the synthesis of N-containing natural products.  
4. A facile method for the asymmetric synthesis of enantiomerically pure 1-(2-fluorophenyl)ethylamine

AN 1990:630871 CAPLUS

DN 113:230871

TI Chiral building blocks for the synthesis of N-containing natural products.  
4. A facile method for the asymmetric synthesis of enantiomerically pure 1-(2-fluorophenyl)ethylamine

AU Bringmann, G.; Geisler, J. P.

CS Inst. Org. Chem., Univ. Wuerzburg, Wuerzburg, D-8700, Germany

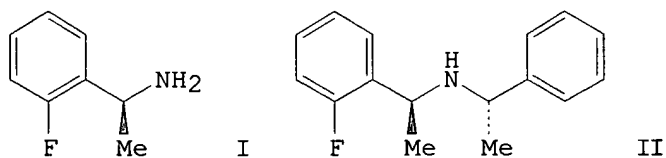
SO Journal of Fluorine Chemistry (1990), 49(1), 67-73  
CODEN: JFLCAR; ISSN: 0022-1139

DT Journal

LA English

OS CASREACT 113:230871

GI



AB A simple, 2-step-procedure for the synthesis of optically active (S)-1-(2-fluorophenyl)ethylamine (I) is described. Starting from com. available 2-fluoroacetophenone, imination with (S)-1-phenylethylamine, followed by stereoselective hydrogenation over Raney Ni gives the secondary amine II. Subsequent regioselective hydrogenolytic cleavage of homogeneous II yields enantiomerically pure title compd.

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
72.98	222.14

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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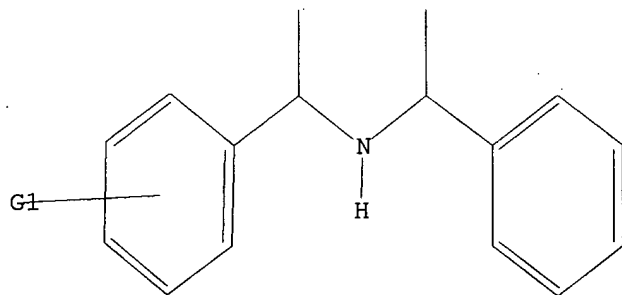
Uploading 09853085 generic amine 1.str

L11 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 F,CF3

Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss full

FULL SEARCH INITIATED 12:47:21 FILE 'REGISTRY'

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35 ANSWERS

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L12 35 SEA SSS FUL L1

=> search l11 sss full

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FULL SCREEN SEARCH COMPLETED - 10262 TO ITERATE

100.0% PROCESSED 10262 ITERATIONS

29 ANSWERS

SEARCH TIME: 00.00.01

L13 29 SEA SSS FUL L11

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ENTRY

SESSION

FULL ESTIMATED COST

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527.24

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SINCE FILE

TOTAL

ENTRY

SESSION

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